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Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1 - 19. (Cancelled)

20. (Withdrawn) A method for generating EHV which comprises infecting a suitable cell line with the artificial chromosome vector according to claim [1] 26, allowing the vector to replicate and shed virus, collecting the shed virus and purifying the collected virus.

21. (Withdrawn) A method for generating an attenuated EHV which comprises modifying by molecular biology techniques the EHV sequence contained in an artificial chromosome vector according to claim[1] 26.

22.(Withdrawn) The method according to claim [22] 26 wherein a foreign sequence of another viral, bacterial or parasitic pathogen is added to the artificial chromosome vector.

23. (Withdrawn) A method for generating a virulent EHV which comprises modifying by molecular biology techniques the EHV sequence contained in an artificial chromosome vector according to claim [1] 26.

24. (Withdrawn) The method according to claim 23 wherein a foreign sequence of another viral, bacterial or parasitic pathogen is added to the artificial chromosome vector.

25. (New) The bacterial artificial chromosome of claim 26, wherein a foreign sequence of another viral, bacterial or parasitic pathogen is added to the artificial chromosome vector.

26. (New) A bacterial artificial chromosome vector characterized in that it comprises essentially the entire genome of the Rach strain of EHV-1 deposited under ECACC accession No. 01032704.

27. (New) The artificial chromosome vector according to claim 26, characterized in that the EHV strain is lacking the glycoprotein gM.

28. (New) The bacterial artificial chromosome of claim 26, wherein a foreign sequence of another viral, bacterial or parasitic pathogen is added to the artificial chromosome vector.

29. (New) A polynucleotide encoding an artificial chromosome vector, which vector is characterized in that it comprises essentially the entire genome of an EHV strain deposited under ECACC accession No. 01032704.